

Fig. 1

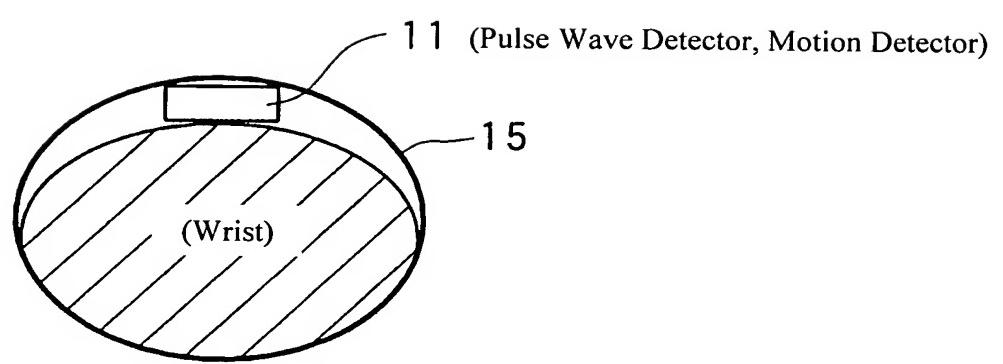


Fig. 2

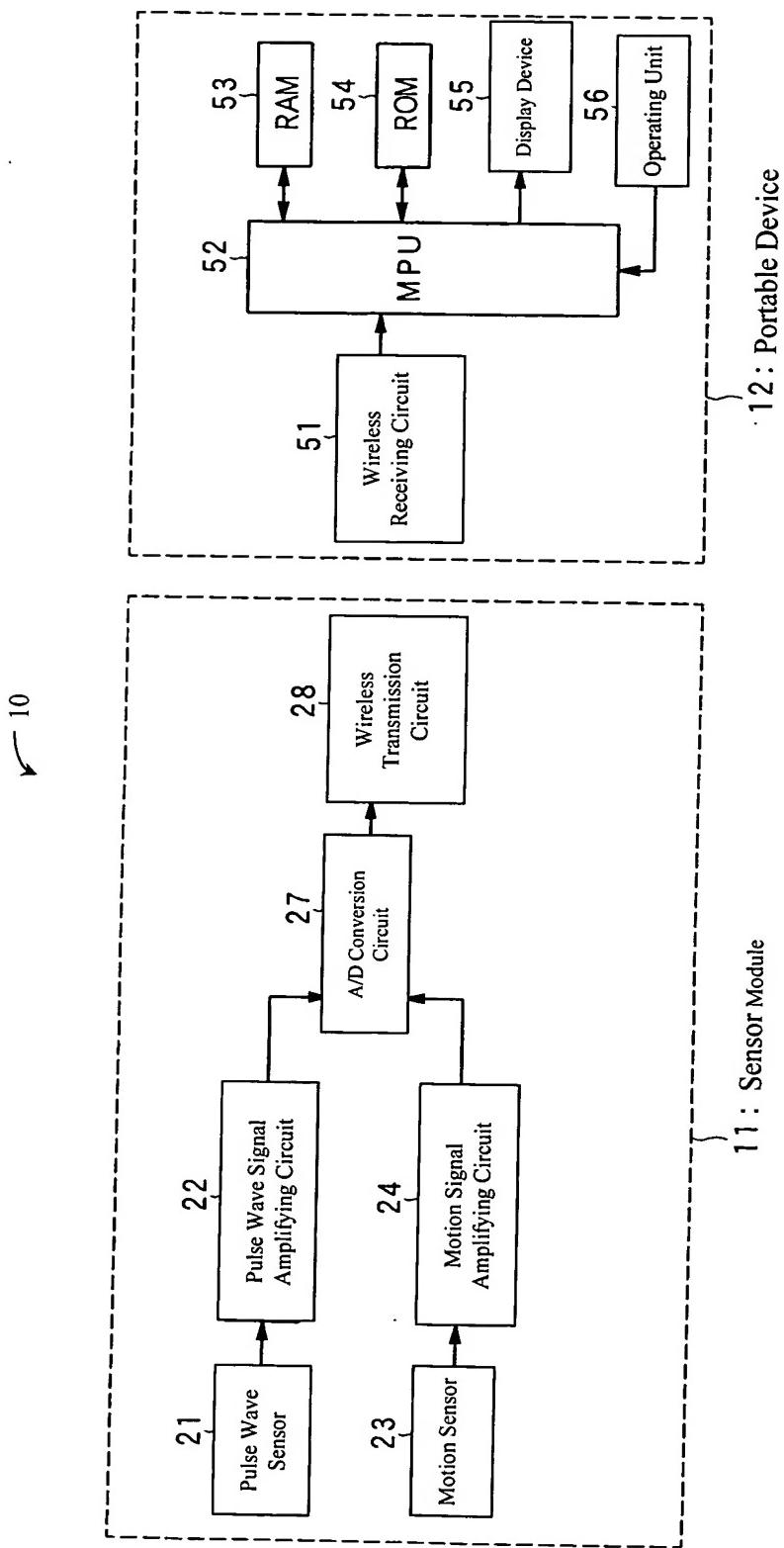


Fig. 3

11: Sensor Module

12: Portable Device

10

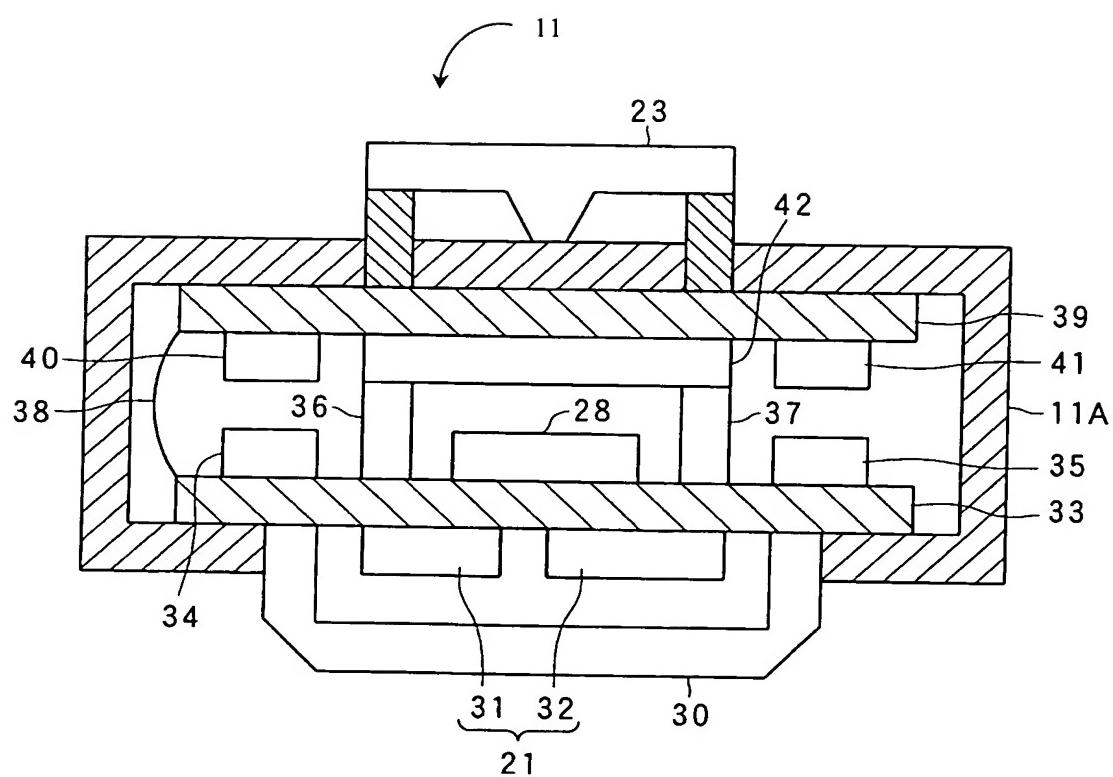


Fig. 4

Reduction Results

Pulse + Motion n3(Pulse Wave Sensor Output)

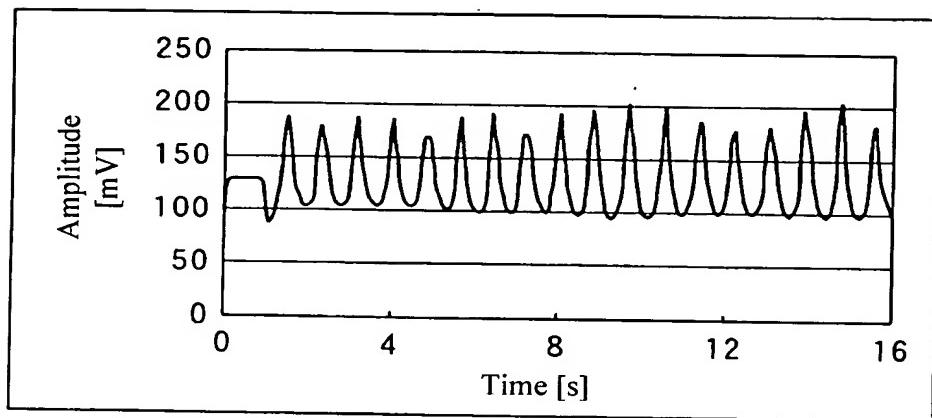


Fig. 5

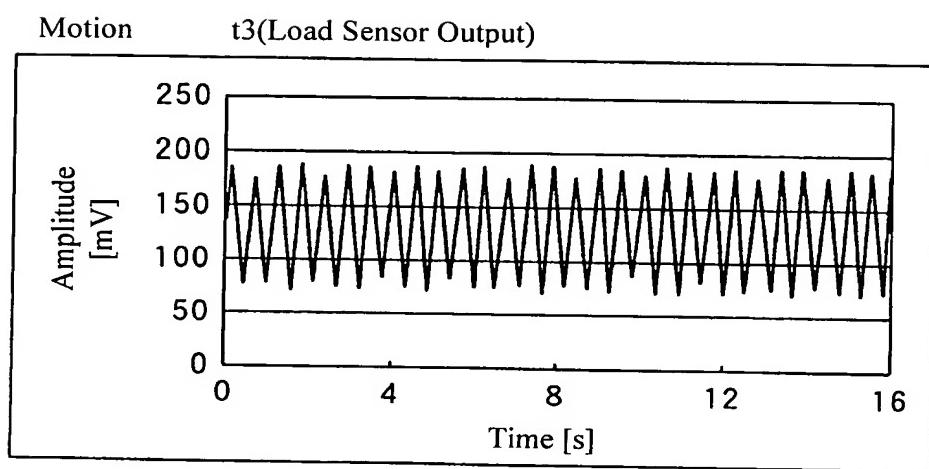


Fig. 6

Difference c3

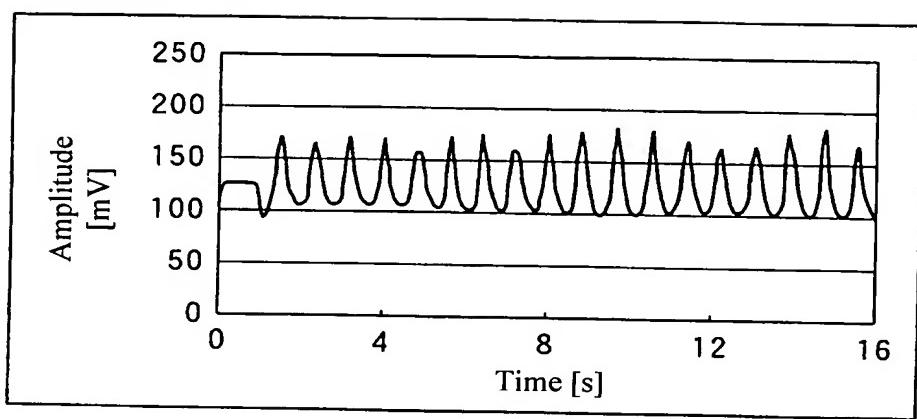


Fig. 7

Differential Results FFT d3

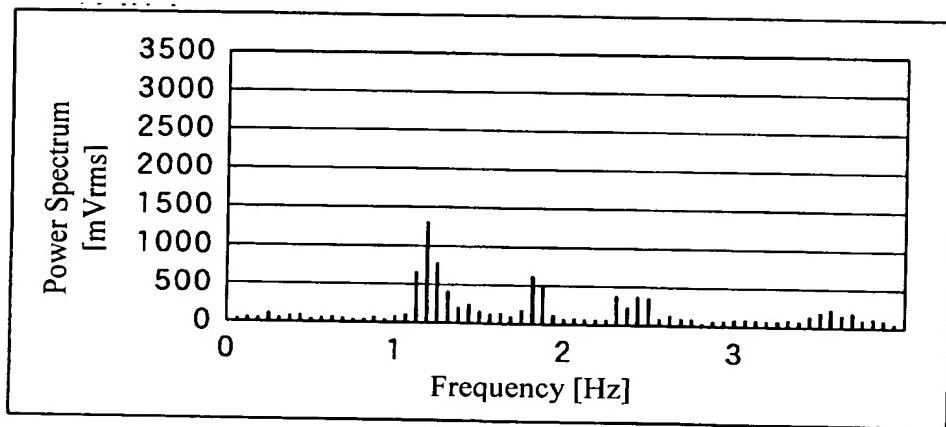


Fig. 8

Hand Clenching and Unclenching
FFT Reduction
Pulse + Motion n3(Pulse Wave Sensor Output FFT Results)

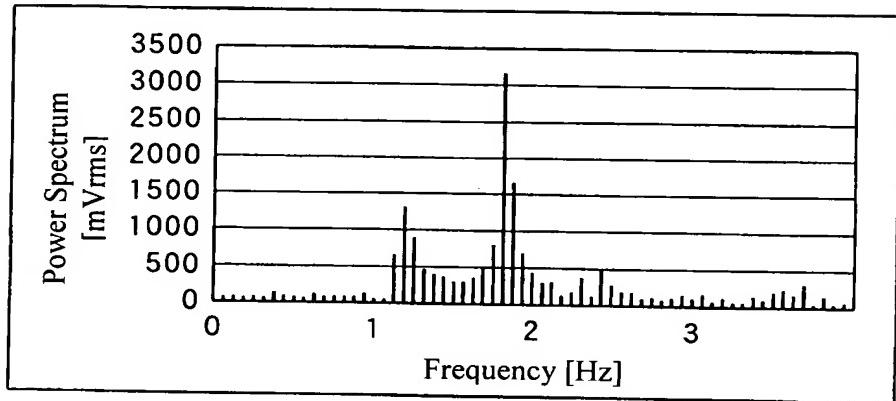


Fig. 9

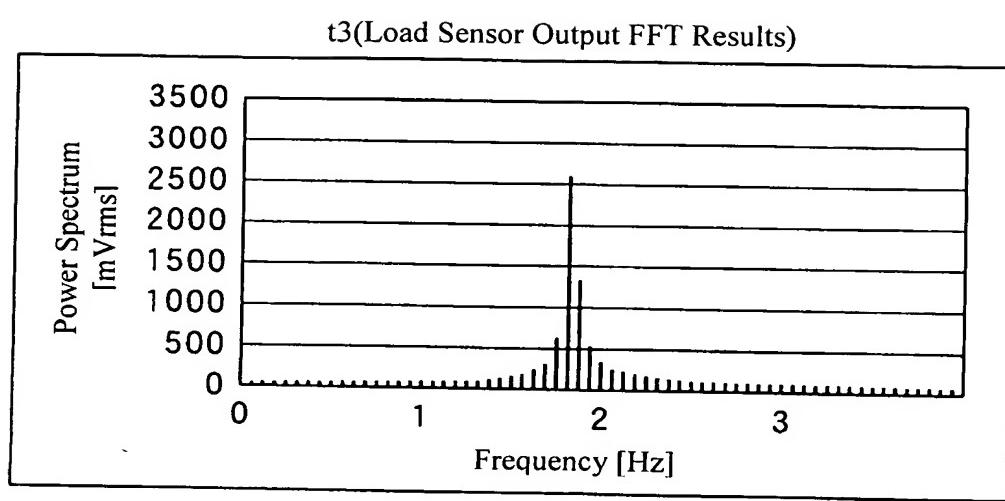


Fig. 10

FFT Reduction d3

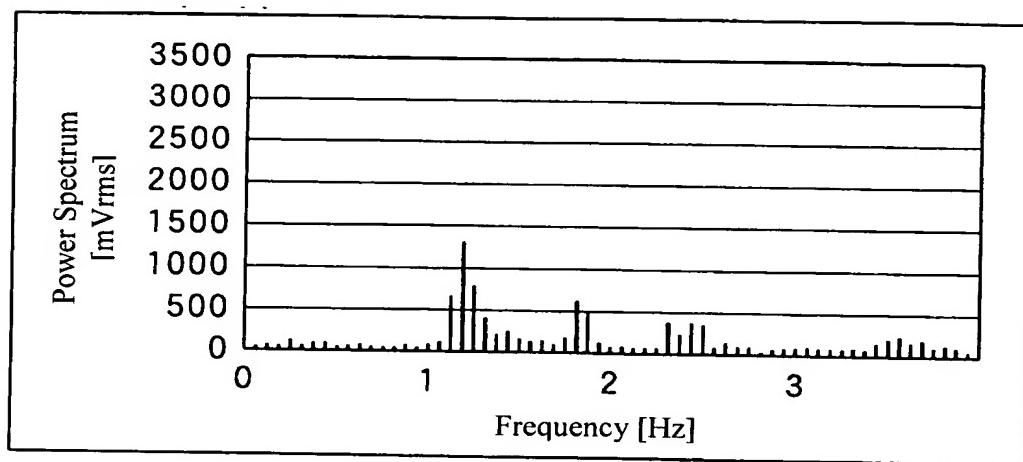


Fig. 11

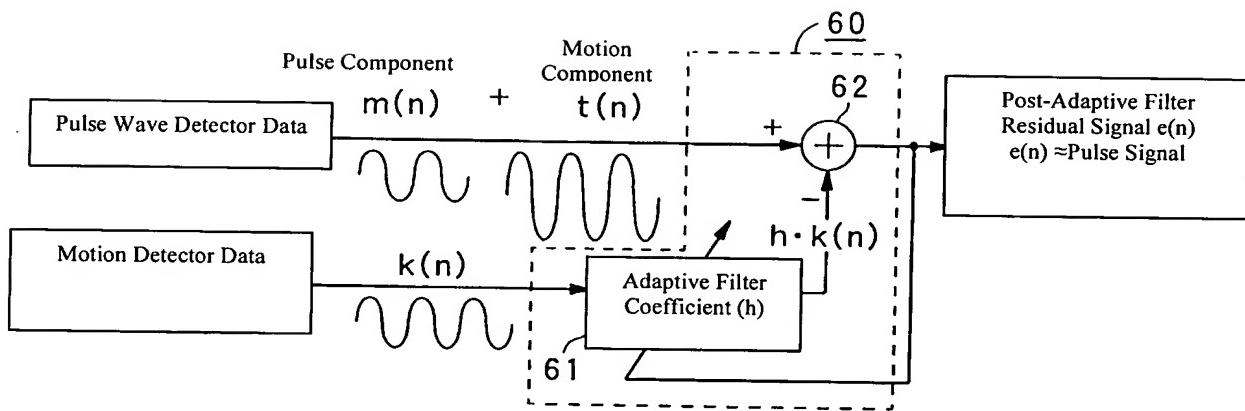


Fig. 12

Adaptive Filter

Pulse + Motion h3

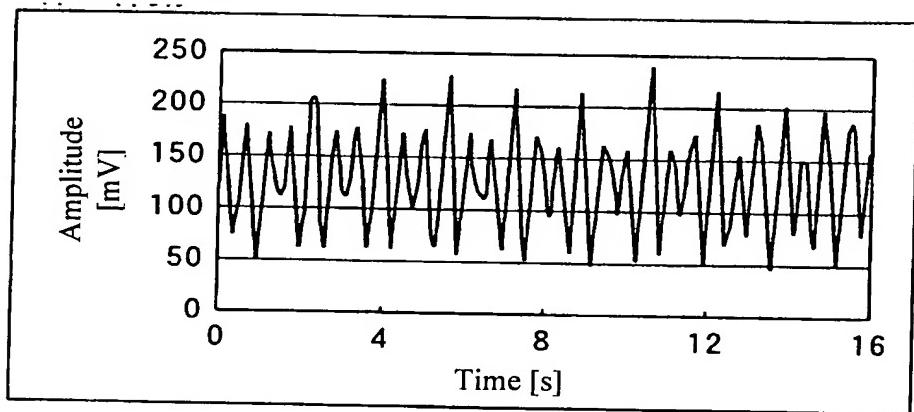


Fig. 13

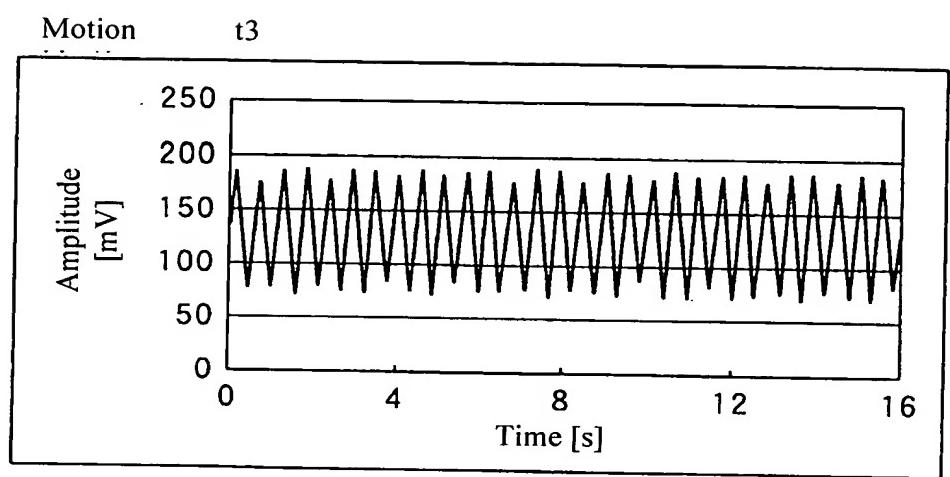


Fig. 14

Adaptive Filter h3

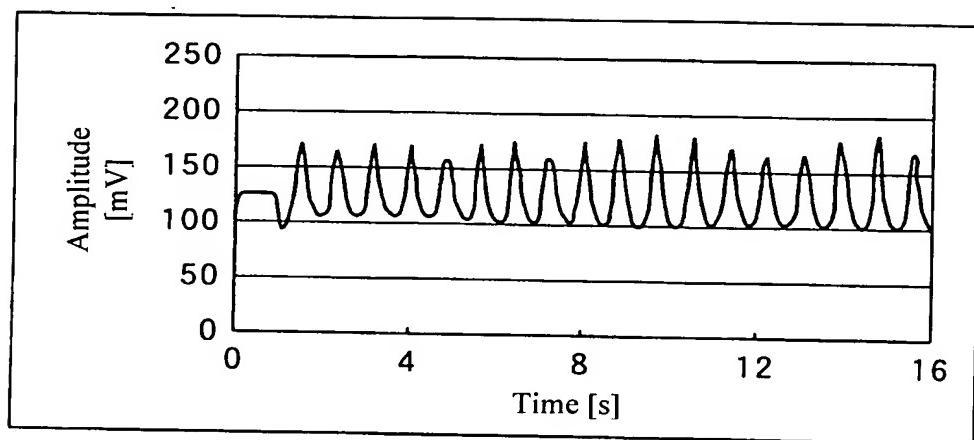


Fig. 15

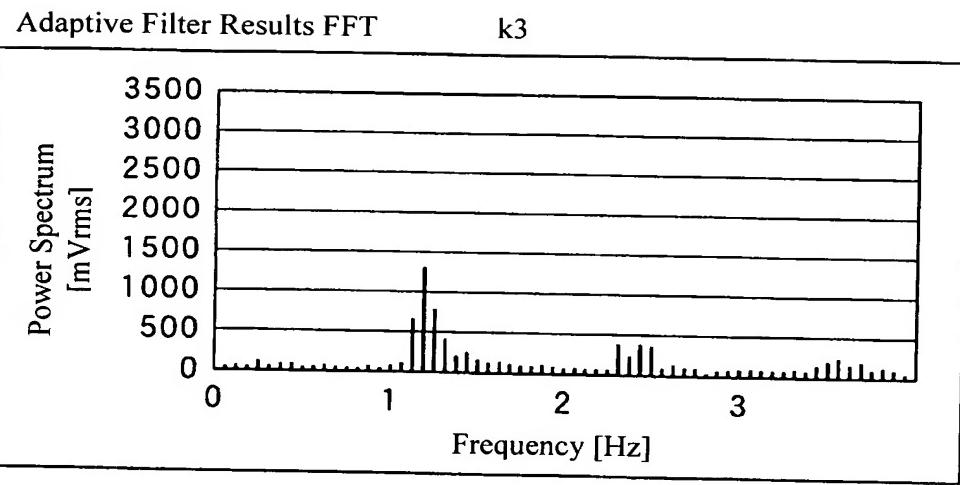


Fig. 16

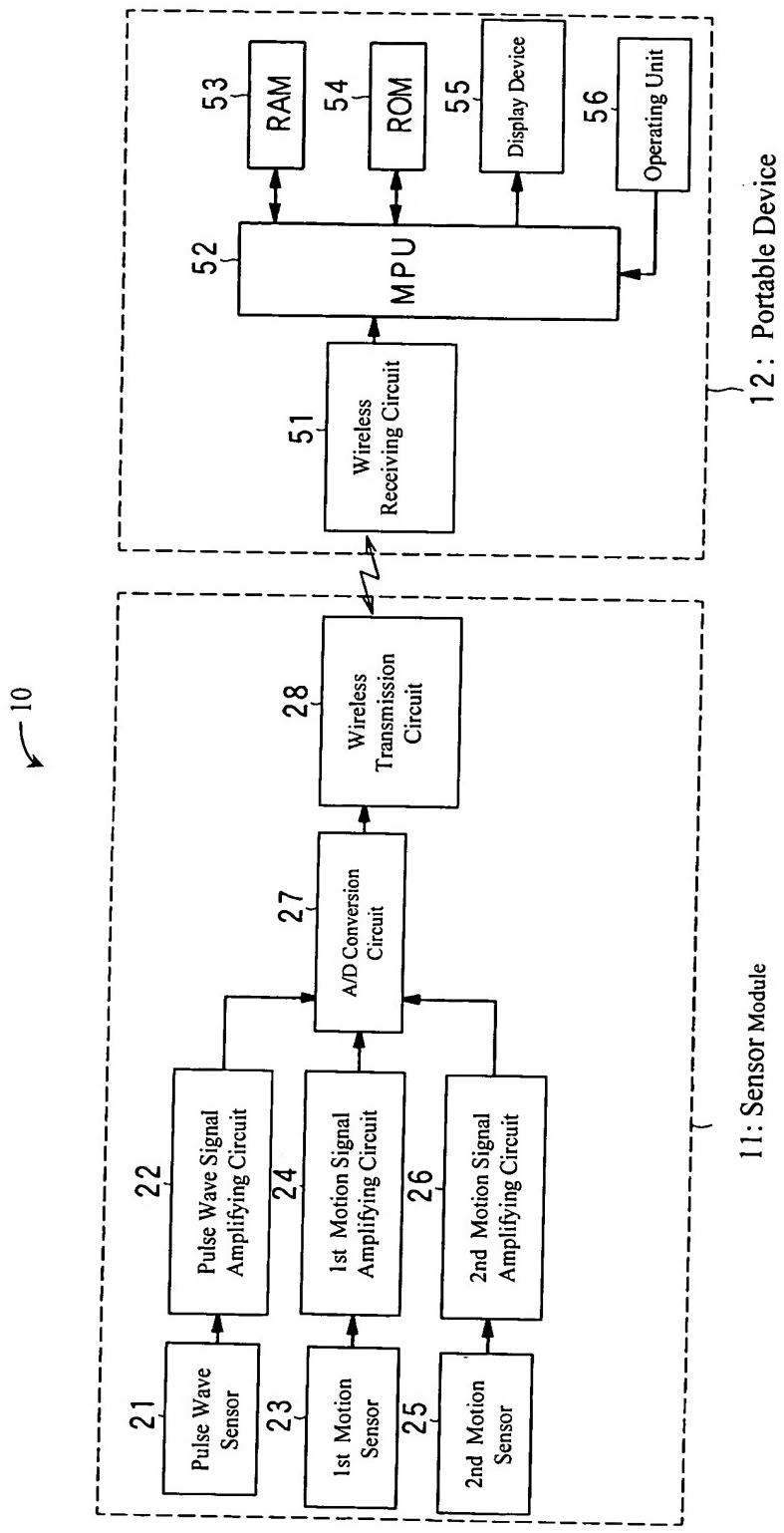


Fig. 17

11: Sensor Module

12: Portable Device

10

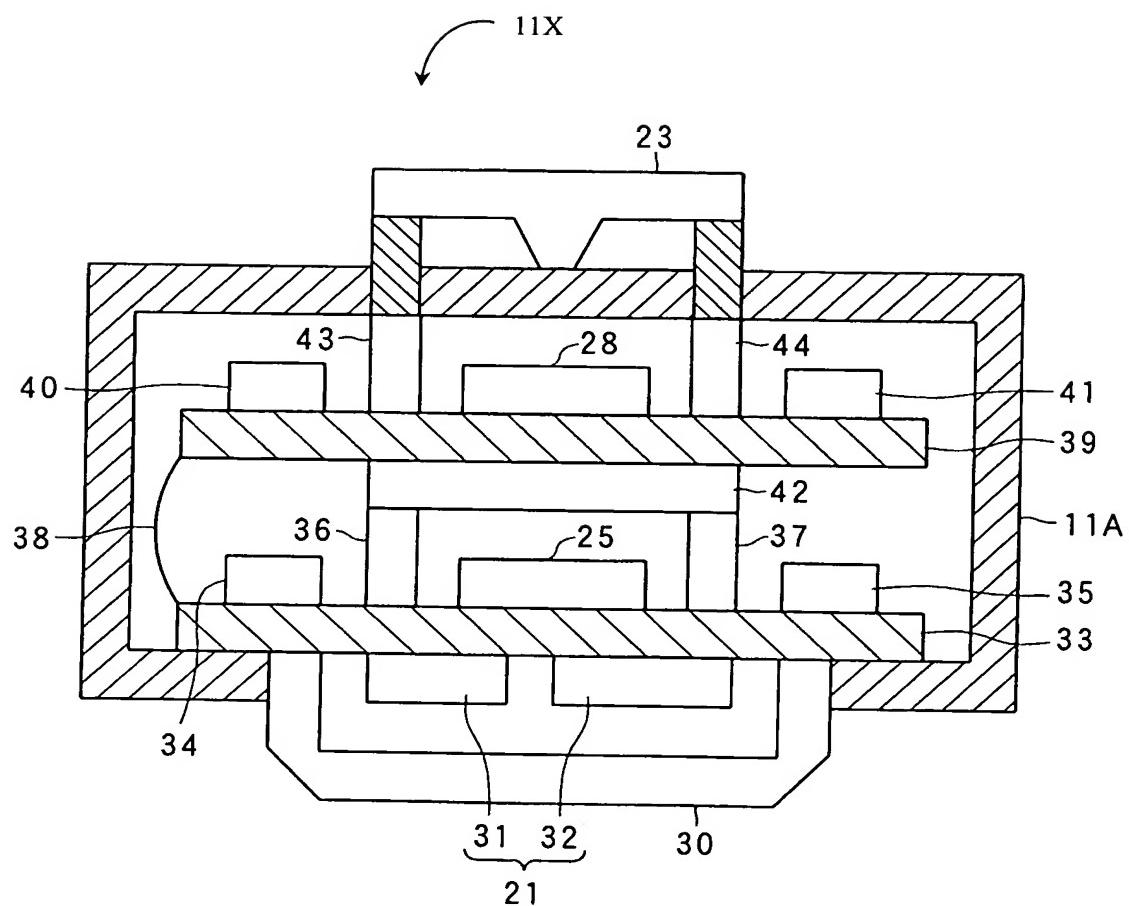


Fig. 18

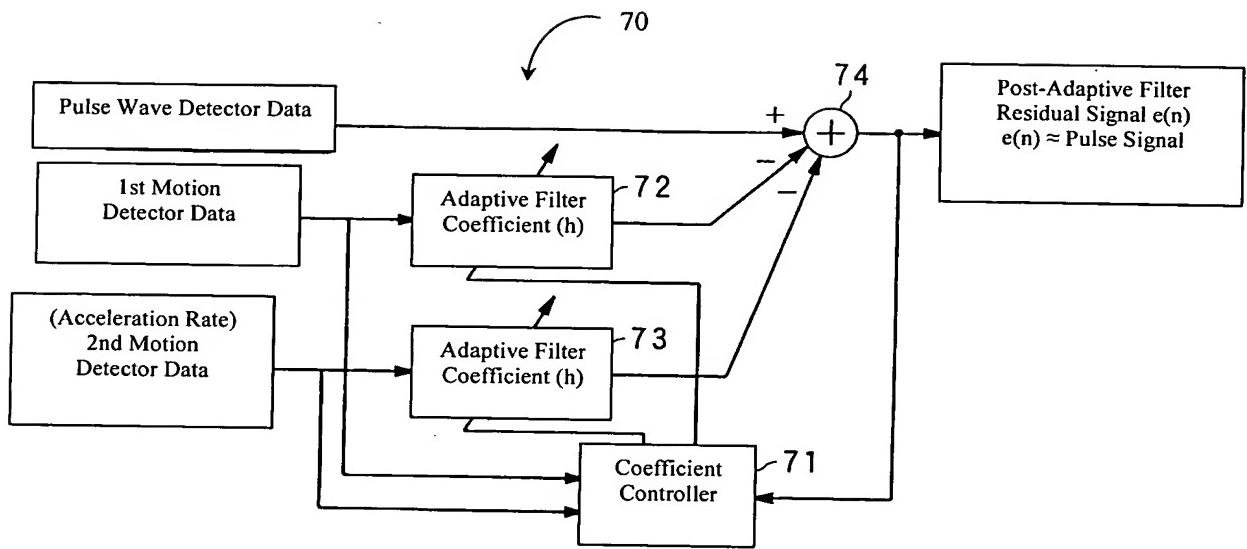


Fig. 19

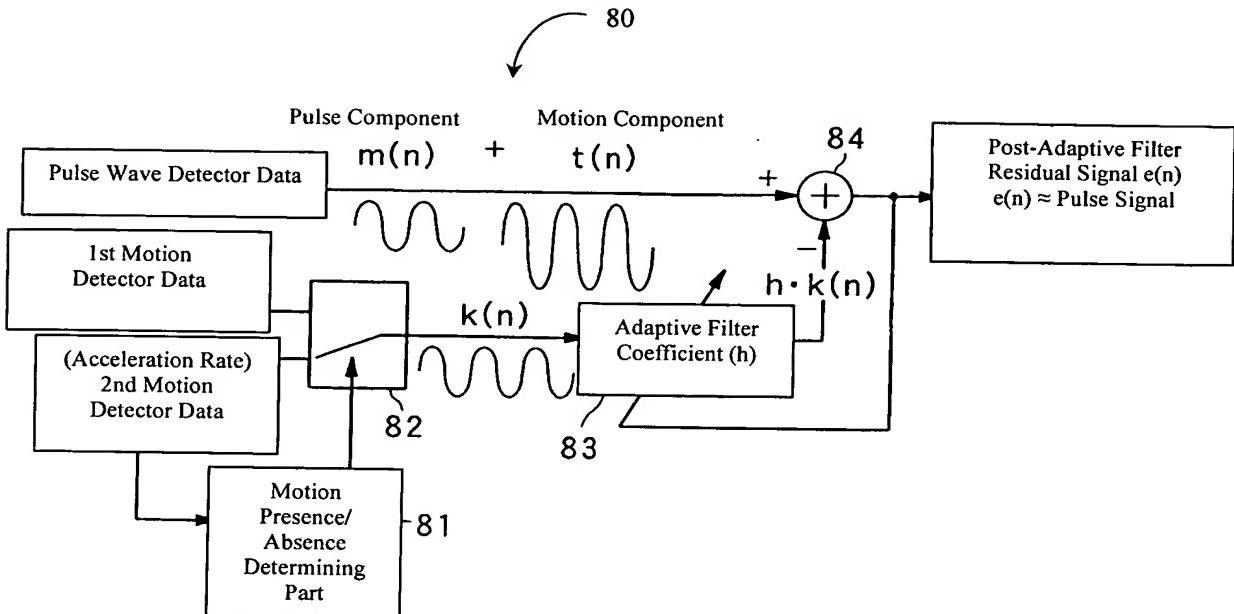


Fig. 20

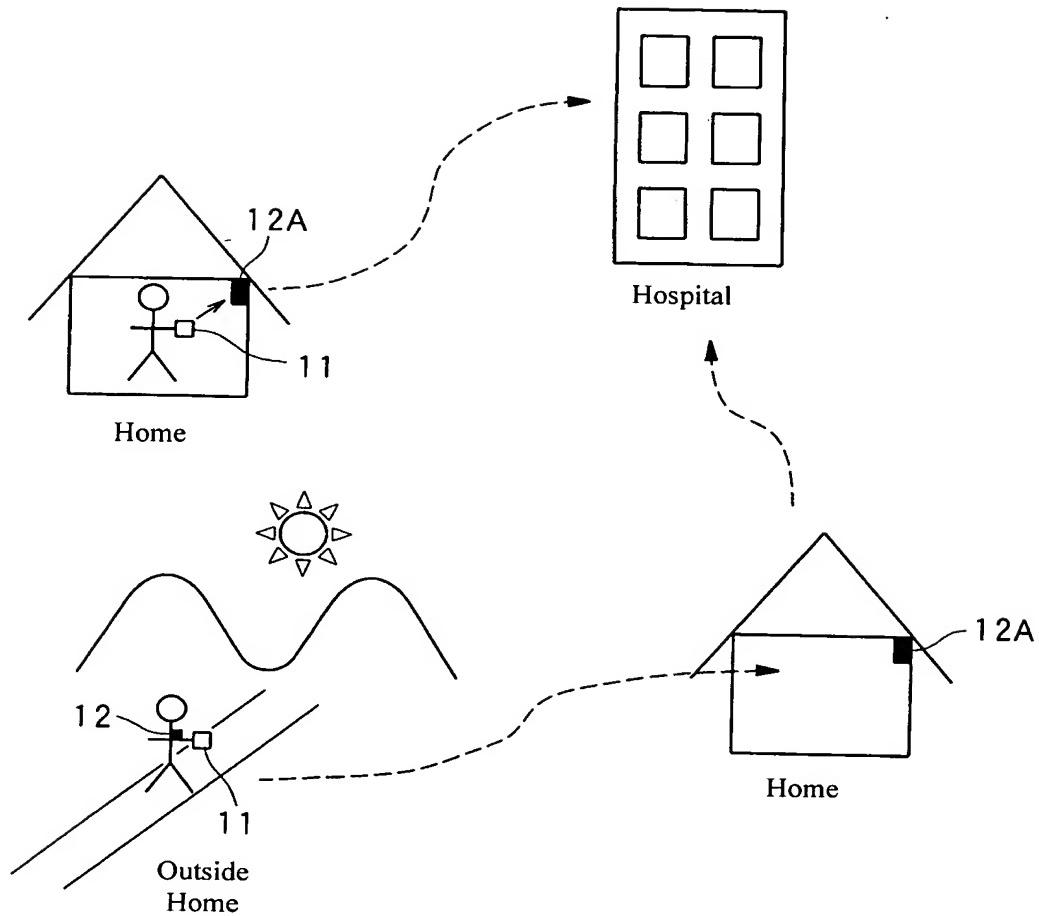


Fig. 21

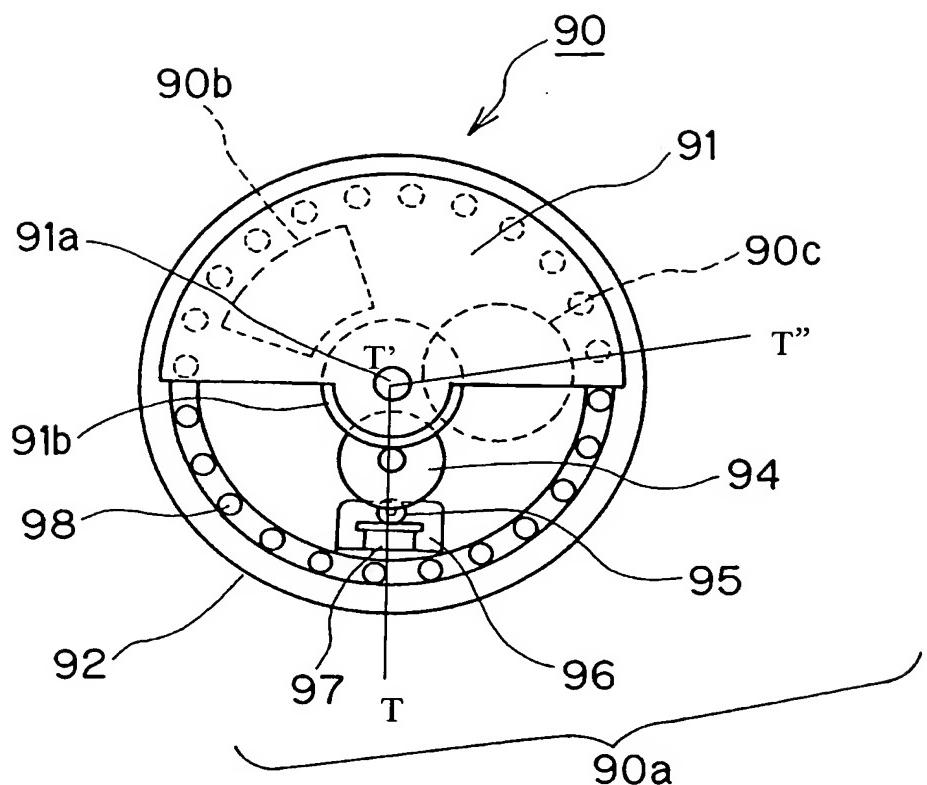


Fig. 22

T-T'-T'' Cross-Section

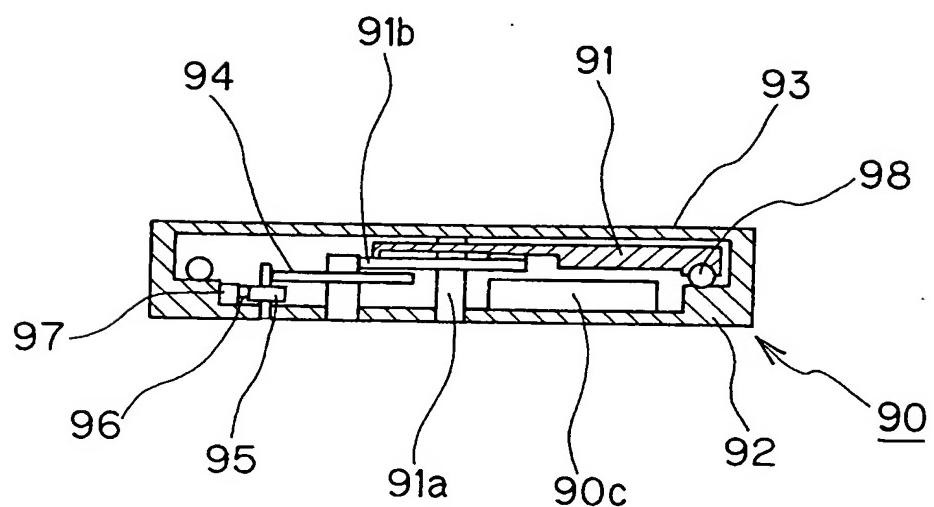


Fig. 23

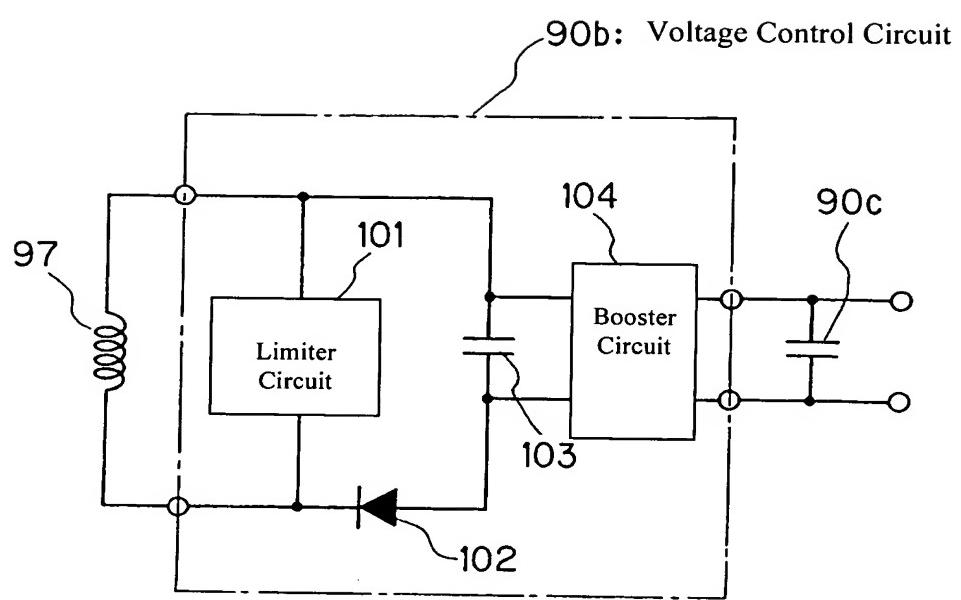


Fig. 24

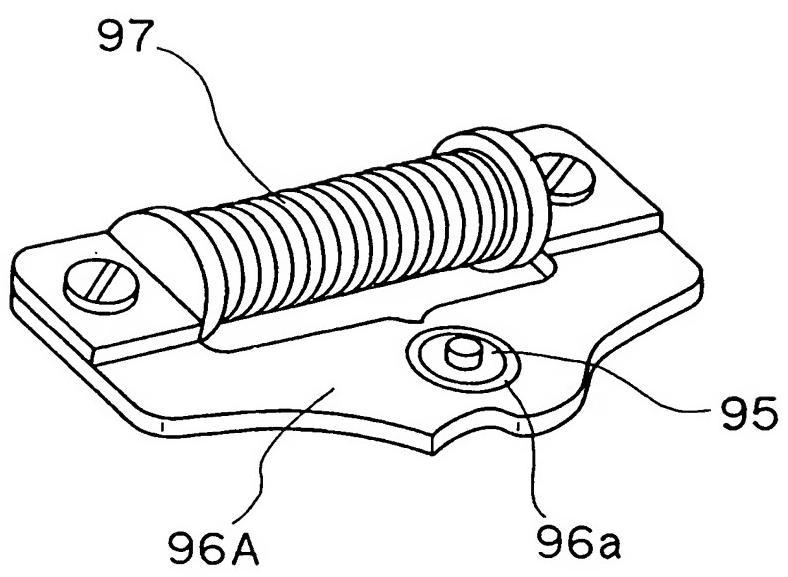


Fig. 25

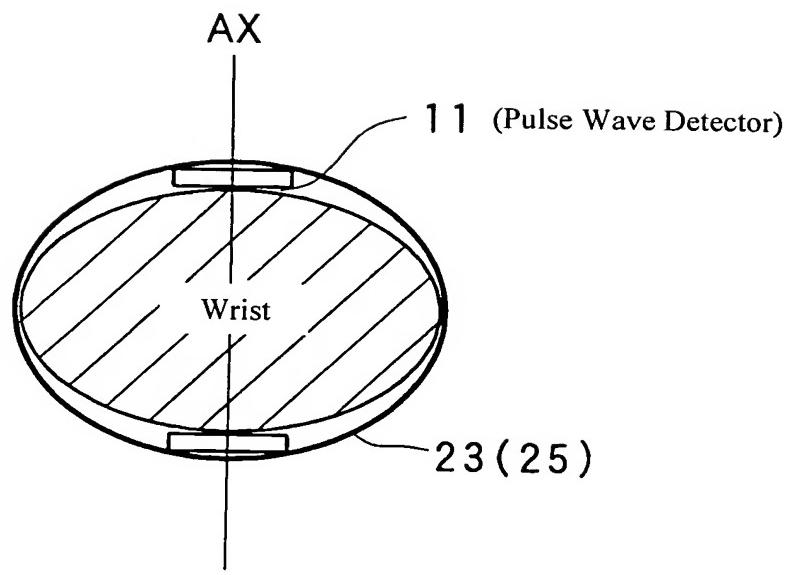


Fig. 26